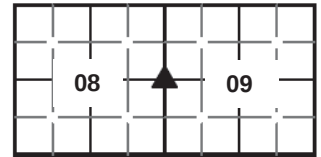


MONUMENT RECORD

Corner ID: **CICr_I07**

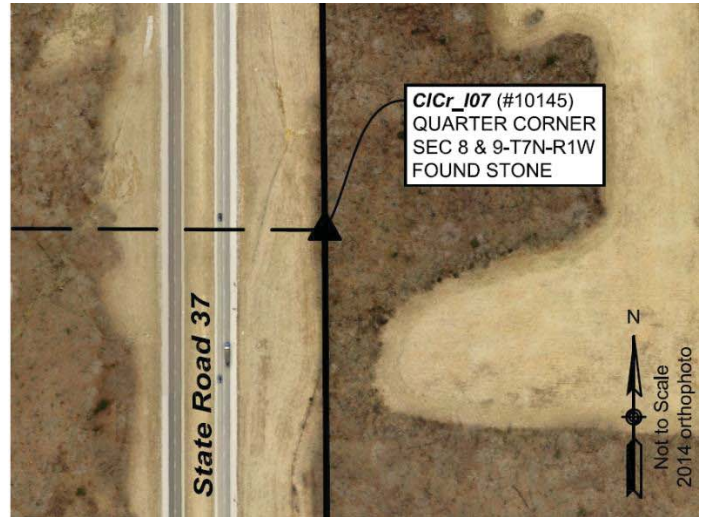
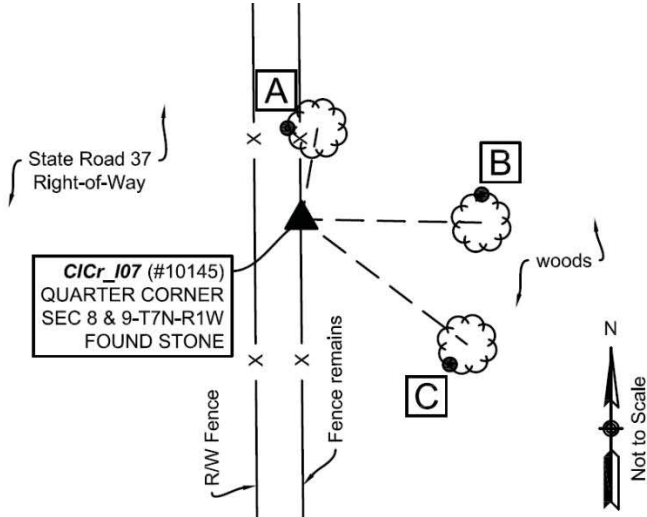
Quarter Corner

Sections 08 & 09- T07N-R01W, 2nd P.M.
Clear Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
13" x 2" broken limestone with no scribing reset 0.5' above grade.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

ID	Bearing	Distance	Description
A	N 10° E	4.0'	Mag nail and washer set in hack 0.3' above grade in the west root of a 15" red oak
B	S 89° E	7.8'	Mag nail and washer set in hack 1.0' above grade on the north side of a 19" red oak
C	S 53° E	9.0'	Mag nail and washer set in hack 0.7' above grade on the southwest side of an 8" maple

PHOTO IDENTIFIED: Photo Date: 3/13/2019



Photo Orientation & Description: West side of stone



Photo Orientation & Description: Looking east at CICr_I07



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Page 1 of 3

MONUMENT RECORD

Corner ID: **ClCr_I07**

Quarter Corner

Sections 08 & 09- T07N-R01W, 2nd P.M.
Clear Creek Township, Monroe County, Indiana

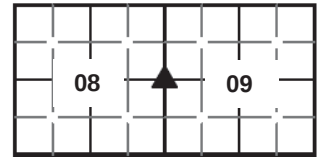


Photo Orientation & Description: Looking west at ClCr_I07



Photo Orientation & Description: Looking southwest at ClCr_I07

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: MCSO Original Survey Book page 25

Original monument: 1/4 section post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	30"	S 36° W	26 lks
Beech	10"	S 42° E	25 lks

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 10/21/1842 By: James Spencer, MCS

Where filed or recorded: LSB1, pg 78, RSID001669

Original monument: not indicated, no witnesses

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 12/26/1853 By: James Woodburn, MCS

Where filed or recorded: LSB1, pg 257, RSID001667

Original monument: not indicated, no witnesses

Bearing Trees or Reference Monuments: none

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 12/6/1870 By: Alexander Spencer, MCS

Where filed or recorded: LSB2, pg 160, RSID001666

Original monument: not indicated, no witnesses

Bearing Trees or Reference Monuments: none

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 3/13/2019 By: R.Oser Monument Found: Limestone BTs or Reference Objects Found: None Project #: T07NR01W08 Field Book: 53/41-42 Notes:

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

An "old stone" is depicted at this corner on a boundary survey for Indiana Limestone by A. Farewell dated 1/22/1929, on file in the Monroe County Surveyor's Office as Reference Survey ID000521. The survey does not include any dimensions to the stone, nor does it indicate that any work was done to perpetuate its location.

The 1969 State Road 37 INDOT Right-of-Way plans by Maurice Craig, on file in the Monroe County Surveyor's Office as Reference Survey ID002293, call out a distance from the SR 37 centerline to an apparent property corner at the intersection of west/south/north fence. The monument is not described, and INDOT does not appear to have accepted it, as their labeled corner is 15 feet north. We found the stone 1.8' south of our calculated position of the apparent property corner shown on the r/w plans, in line with north/south fence remains and approximately 2 feet east of the north/south right-of-way fence.

On his 1995 survey for Souders in Section 8-T7N-R1W recorded as Instrument Number 00519319 and on file in the Monroe County Surveyor's Office as Reference Survey ID 001076, Lee Utt indicated that he set a 5/8" iron pin on the east/west center of section line, 439.5' east of the center of section. The survey does not explain the methodology used to determine the east/west center of section line. The Lee Utt iron pin was found 0.8' north of the east/west center of section line established between the SNA rebar at the center and the limestone at the East 1/4 of Section 8-T7N-R1W.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.



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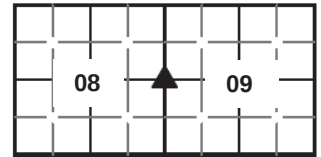
Page 2 of 3

MONUMENT RECORD

Corner ID: **CICr_I07**

Quarter Corner

Sections 08 & 09- T07N-R01W, 2nd P.M.
Clear Creek Township, Monroe County, Indiana



The monument is on the east side of State Road 37, in line with north/south fence remains, 2' east of north/south right-of-way fence, and on the south side of a small swale flowing west/northwest.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

The stone was found broken in half, with the north half exposed and weather beaten, and the south half leaning over, with approximately 1" of its 15" length above ground, leaning over to the west, but still planted deeply in the subsoil. We removed the stone, checked it for scribing, and reset it in the same hole with 0.5' exposed. We tested the stone with hydrochloric acid to confirm the presence of carbonate minerals. All of the native rock that we found when probing and digging for this stone was sandstone.

We wired the two pieces of stone together with three wires. The north half of the stone is shorter and not well planted. The south half of the stone is longer and deeply planted. We set a 5/8" x 24" rebar flush with the stone on its west side with the top of the rebar 0.6' below the top of the stone. We set a five foot long t-post flush with the stone on its east side with a Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 1.7' above the top of the stone facing west. We buried an aluminum cap stamped "MONROE CO SURVEYOR" upside down on the north side of the t-post and 1.1' below the top of the stone. We spray painted the base of the stone orange, then filled in the hole, tamped it down, and spray painted the top of the stone orange.

We located the stone on the north end of the south half, which is the approximate center of the stone if it were whole.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The origin of the stone is unknown. We assume that it is the same "old stone" that was accepted by Indiana Limestone in 1929 and that it was set for one of the three legal surveys noted in the history section above. The stone was accepted as the best evidence of the corner with no associated uncertainty.

GEODETIC COORDINATES: *Northing:* 1387542', *Easting:* 3108343'

BASIS OF GEODETIC COORDINATES: The basis of bearings is Grid North System NAD83 (2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet. Tied to NSRS using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 2 base. Positional values of this corner were determined from static GNSS and RTK GNSS (Javad Triumph LS Rover) observation.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 08-T07N-R01W by Rachel Oser of the Monroe County Surveyor's Office dated April 15, 2019 and recorded as Instrument Number 2019004835 in the office of the Monroe County Recorder.

CERTIFICATIONS:



Rachel Oser

Date: 4/16/2019
Rachel Oser, State of Indiana
Professional Surveyor
No. 21100022



Trohn Enright-Randolph

Date: 4/16/2019
Trohn Enright-Randolph
Monroe County Surveyor



Accepted by the Monroe
County Surveyor Review
Board on 4/16/2019

